

IN THE CLAIMS:

1. (Currently Amended) A device for molding crayons or toys, comprising:
a housing defining a restricted access area having interior sidewalls; and including
a door movable between open and closed positions that provides access to the restricted
access area;
a stationary melting chamber within the restricted access area; and
an electrically powered heating element adjacent the melting chamber; and
a mold chamber in the restricted access area and connected to the melting chamber,
the mold chamber defined in part by the door and interior sidewalls of the housing; and
a mold having two parts within the mold chamber, where the two parts are held together
in part by the door when it is in the closed position.
2. (Original) The device of claim 1 and a door switch that disconnects the electrical power
from the heating element when the door is open.
3. (Original) The device of claim 1 and a gate for alternatively permitting and preventing
flow between the melting chamber and the mold.
4. (Original) The device of claim 3 and an interlock between the gate and the door, which
prevents the door from moving from the closed position when the gate is permitting flow.
5. (Currently Amended) The device of claim 1 ~~which~~ and a warning light secured to the
housing that signals when the heating element is activated.
6. (Currently Amended) The device of claim 1 and a regulator extending outwardly from
the housing ~~directs~~ to permit or prevent flow of melted material from the melting chamber.
7. (Currently Amended) A device for recycling wax pieces, which comprises:
a housing defining a restricted access area;

a melting chamber in the restricted access area for producing liquid wax from wax pieces;
a flow path within the restricted access area and extending from the melting chamber for directing the flow of liquid wax;
a gate that controls the flow of liquid wax from the melting chamber to the flow path;
a mold connected to the flow path; and
a door that provides access to the mold when the door is in an open position and prevents access to the mold when the door is in a closed position; and
an interlock between the gate and the door, which prevents the door from moving from the closed position when the gate is permitting flow.

8. (Currently Amended) The device of claim 7 and a filler tube leading to the melting chamber for receiving a wax piece from outside the housing and for restricting access to the melting chamber.
9. (Original) The device of claim 7 and a heating element within the melting chamber.
10. (Original) The device of claim 7 and a regulator, which is accessible from outside the housing and directs the gate to permit or prevent flow.
11. (Original) The device of claim 7 in which the liquid wax flows primarily by gravity from the melting chamber to the mold along the flow path.
12. (Original) The device of claim 9 and a thermostatic switch for sensing the temperature of the melting chamber and controlling electricity to the heating element.
13. (Currently Amended) The device of claim 7-9 and a shutdown switch for interrupting electricity to the heating element when the housing is tilted.

14. (Currently Amended) The device of claim 7-9 and a switch for sensing the temperature of the heating element and interrupting electricity to the heating element when the temperature exceeds a given value.

15. (Currently Amended) The device of claim 7-9 and a door switch for interrupting electricity to the heating element when the door is not in the closed position.

16. (Original) A toy molding device for use with wax material, which comprises:

a stationary melting chamber;

an electrical heating element for heating the melting chamber;

a mold;

a housing substantially surrounding the melting chamber and the mold so as to restrict access by a user to the melting chamber and the mold, the housing including a door having an open position which provides access to the mold and a closed position which prevents access to the mold;

a gate having a open position which permits flow of the material between the melting chamber and the mold, and a closed position which prevents the flow of the material between the melting chamber and the mold; and

an interlock that prevents the door from moving to the open position when the gate is in the open position.

17. (Currently Amended) The device of claim 15-16 and a microswitch that senses when the door is in the open position and interrupts the supply of electrical current to the electrical heating element.

18. (Currently Amended) The device of claim 15-16 and a tilt switch that senses when the housing inclines more than a predetermined amount from the vertical and then interrupts the supply of electrical current to the electrical heating element.

19. (Currently Amended) The device of claim 15-16 and a high-temperature switch that senses when the melting chamber temperature reaches a predetermined value and interrupts the supply of electrical current to the electrical heating element.

20. (New) The device of claim 7 wherein the melting chamber is inclined to facilitate the flow of the liquid wax.

21. (New) The device of claim 16 wherein the melting chamber is composed in part of molded silicone.